

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005191.D
 Acq On : 07 Sep 2018 05:05
 Operator : SY/AP
 Sample : J4693-05
 Misc : 6.51G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

Quant Time: Sep 07 08:35:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	428531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	666071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	749327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	412004	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	205529	57.86	ug/l	0.00
Spiked Amount			Recovery	=	115.72%	
35) Dibromofluoromethane	7.89	113	191217	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.33	98	926113	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.62	95	445189	71.19	ug/l	0.00
Spiked Amount			Recovery	=	142.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	20670	29.01	ug/l	94
17) Carbon Disulfide	4.38	76	17960	1.49	ug/l #	94
20) Methylene Chloride	4.92	84	27819	2.05	ug/l	96
30) Chloroform	7.68	83	24721	3.40	ug/l	93
73) Isopropylbenzene	12.47	105	236336	8.14	ug/l	100
78) n-propylbenzene	12.81	91	754352	21.51	ug/l	99
83) tert-Butylbenzene	13.21	119	98792	4.71	ug/l	89
84) 1,2,4-Trimethylbenzene	13.26	105	4152825	162.31	ug/l	99
85) sec-Butylbenzene	13.39	105	952369	30.89	ug/l #	73
86) p-Isopropyltoluene	13.51	119	173136	6.34	ug/l	95
89) n-Butylbenzene	13.83	91	568498	22.48	ug/l #	76

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

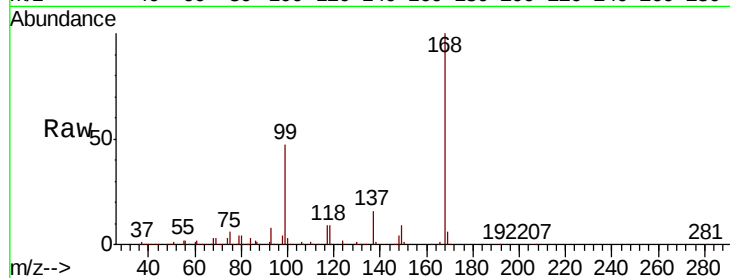
EP1-MW-F(10-15)

Tot Ion:168 Resp: 428531

Ion Ratio Lower Upper

168 100

99 47.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

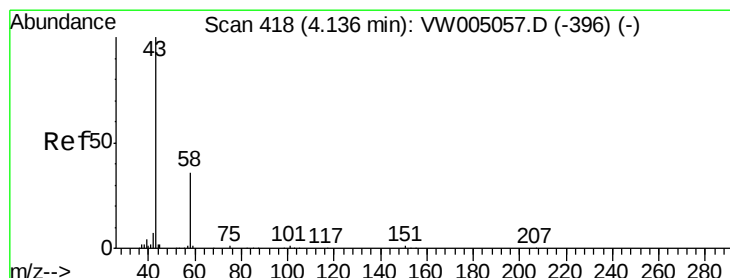
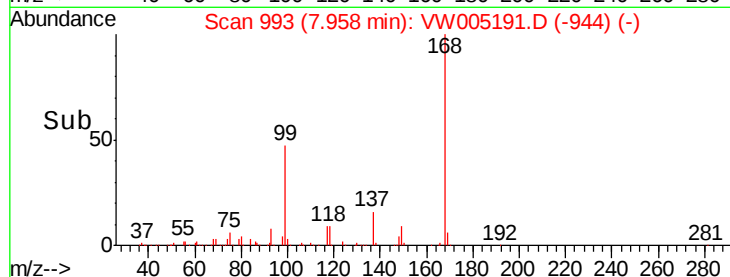
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 29.01 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005191.D

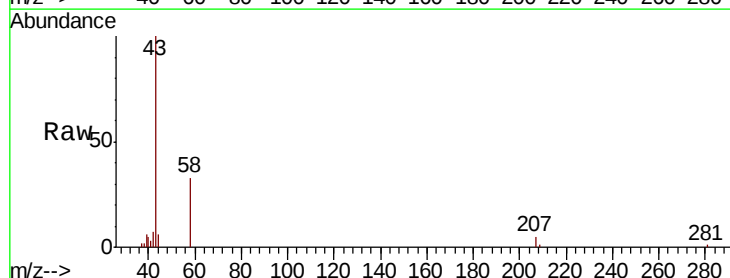
Acq: 07 Sep 2018 05:05

Tgt Ion: 43 Resp: 20670

Ion Ratio Lower Upper

43 100

58 32.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

6000

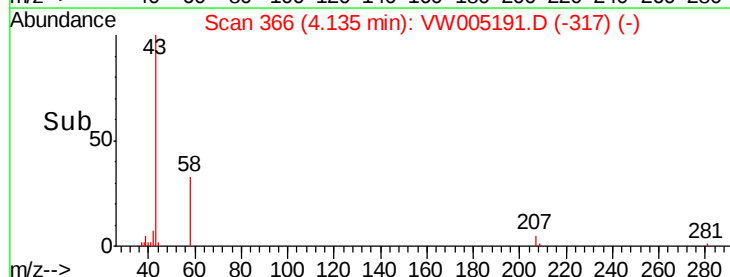
4000

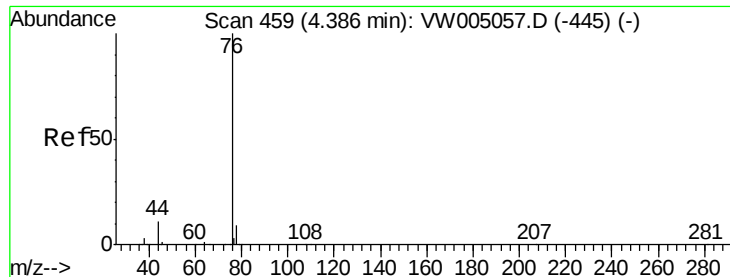
2000

0

4.00 4.10 4.20 4.30

Time-->





#17

Carbon Disulfide

Concen: 1.49 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

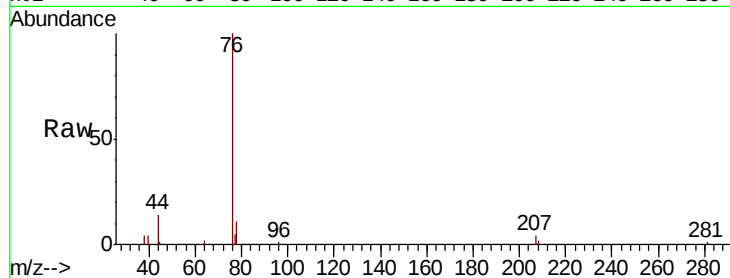
EP1-MW-F(10-15)

Tot Ion: 76 Resp: 17960

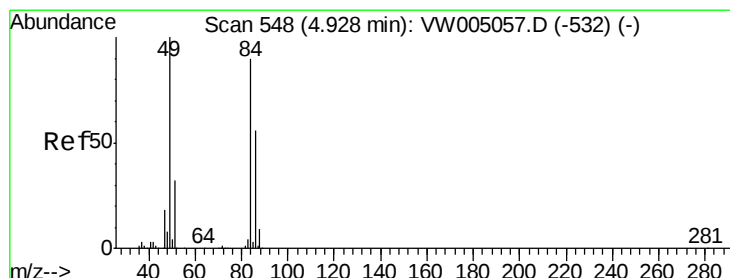
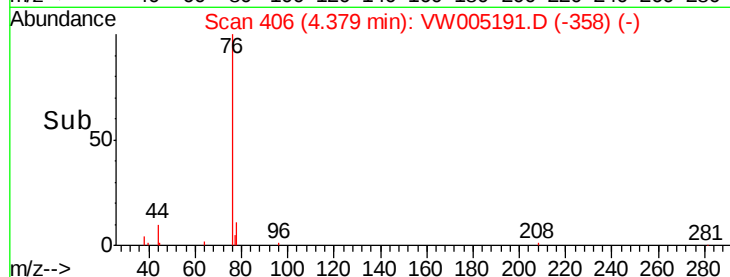
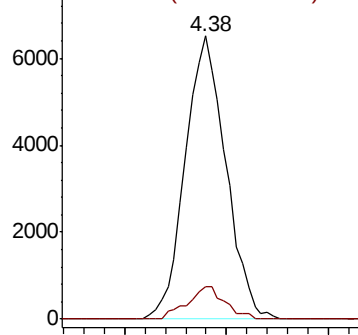
Ion Ratio Lower Upper

76 100

78 11.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.05 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Tgt Ion: 84 Resp: 27819

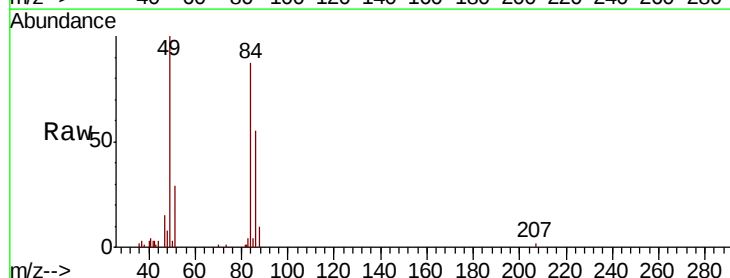
Ion Ratio Lower Upper

84 100

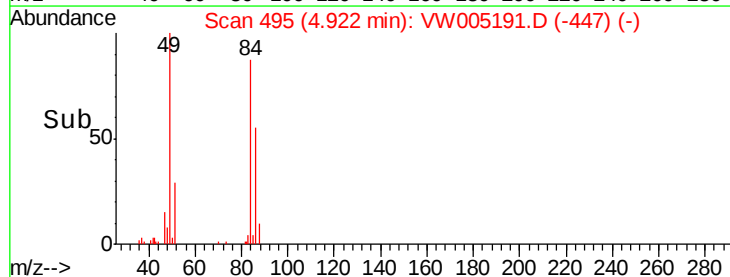
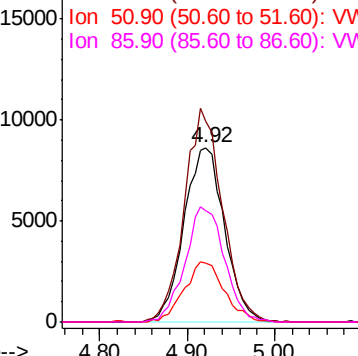
49 115.5 88.7 133.1

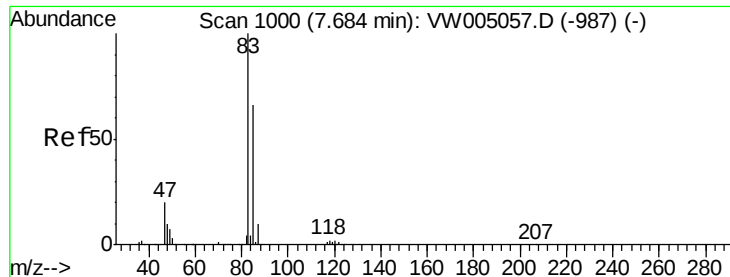
51 33.9 28.6 42.8

86 63.8 49.4 74.2



Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW





#30

Chloroform

Concen: 3.40 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

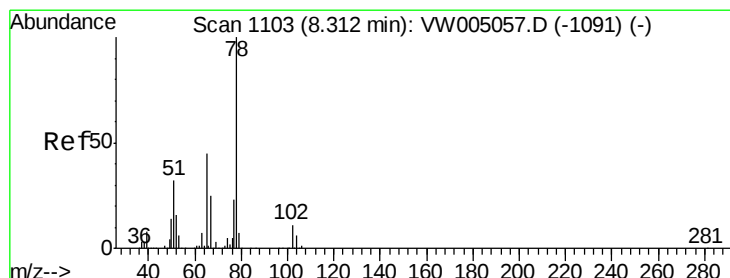
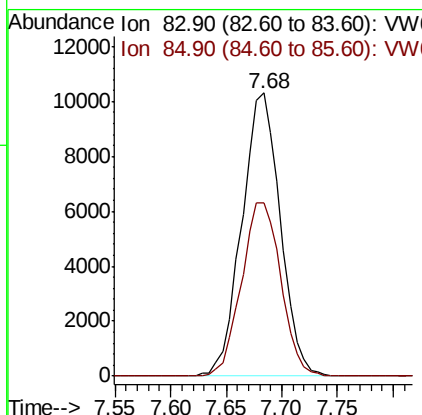
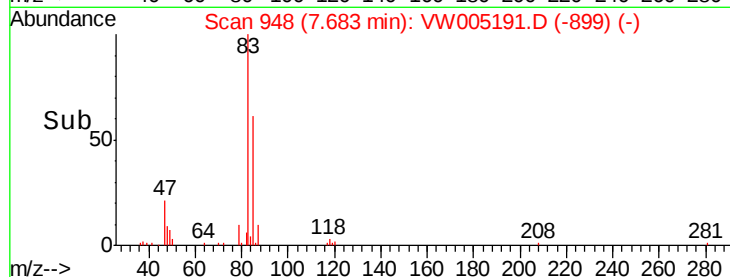
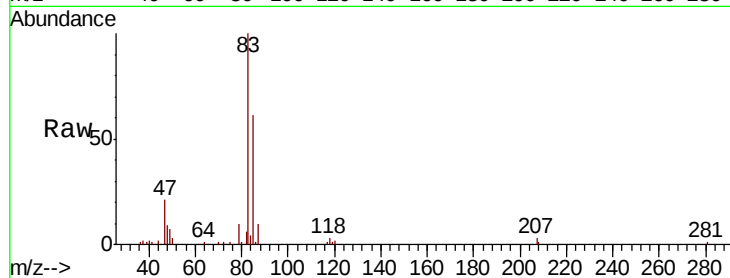
EP1-MW-F(10-15)

Tot Ion: 83 Resp: 24721

Ion Ratio Lower Upper

83 100

85 61.0 53.1 79.7



#33

1,2-Dichloroethane-d4

Concen: 57.86 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005191.D

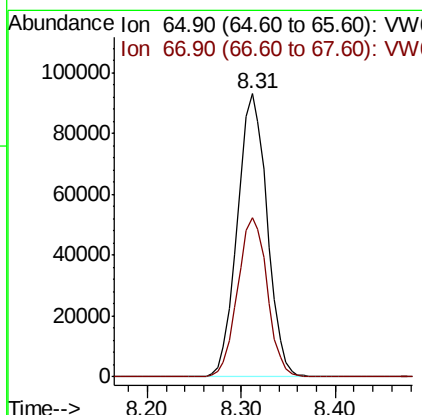
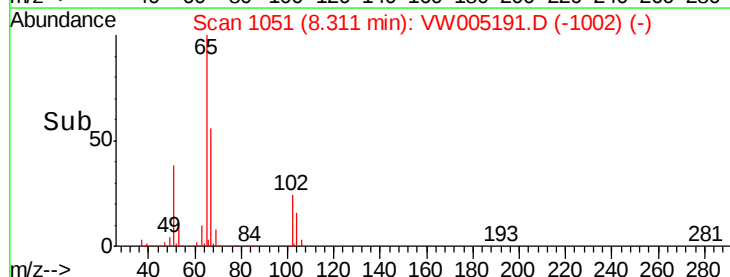
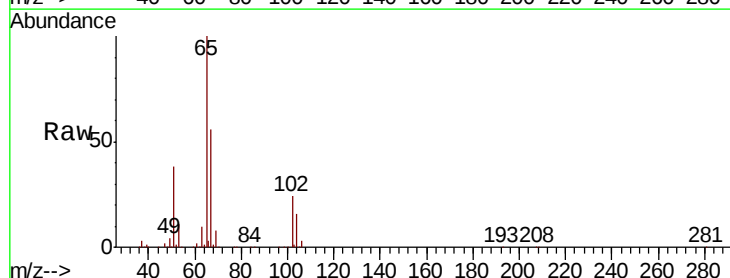
Acq: 07 Sep 2018 05:05

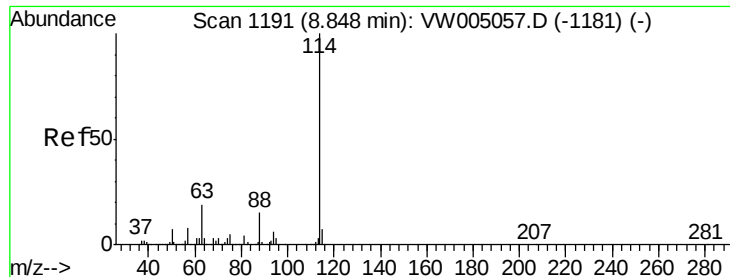
Tgt Ion: 65 Resp: 205529

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.4

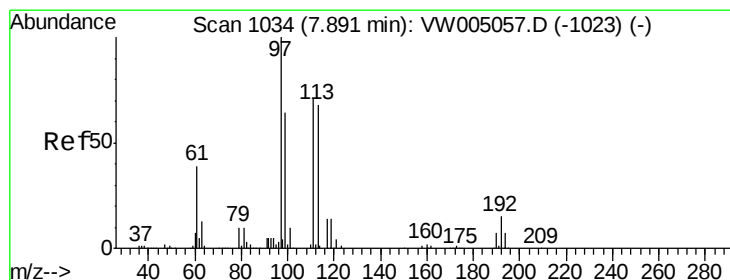
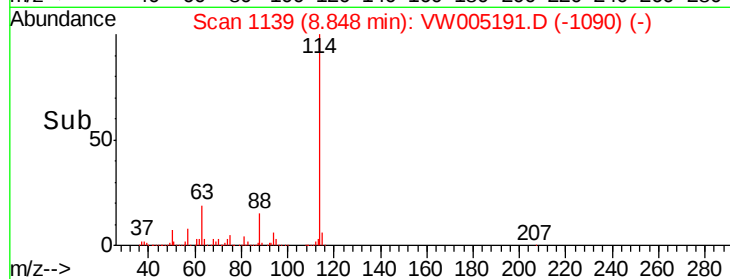
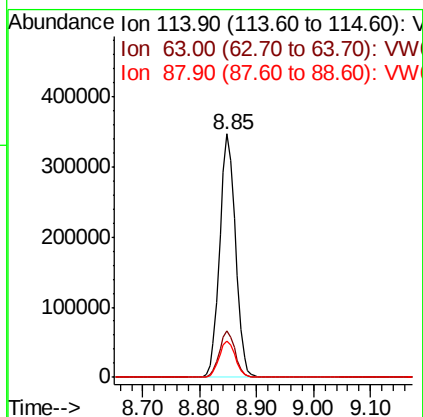
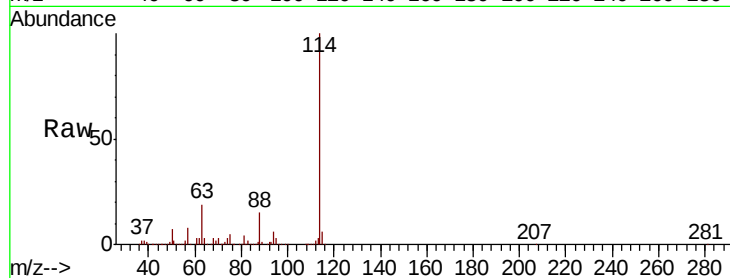




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005191.D
 Acq: 07 Sep 2018 05:05

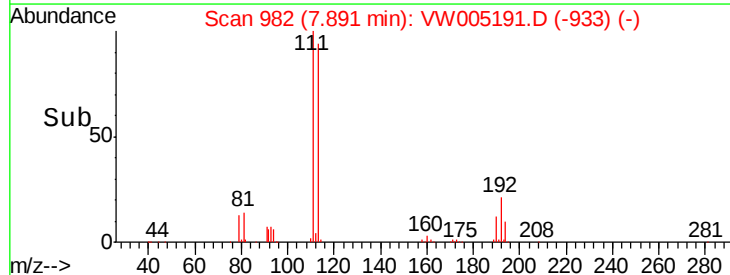
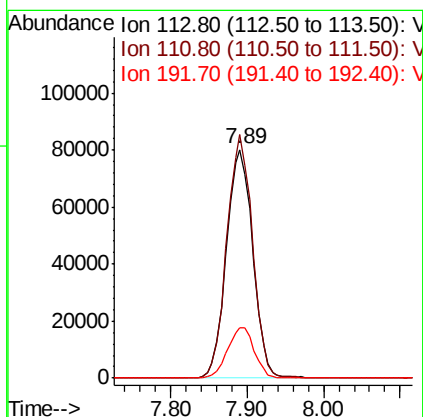
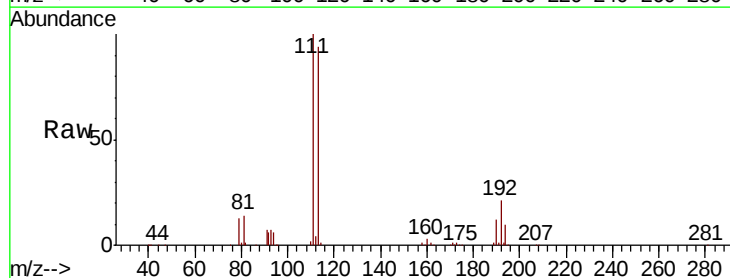
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-MW-F(10-15)

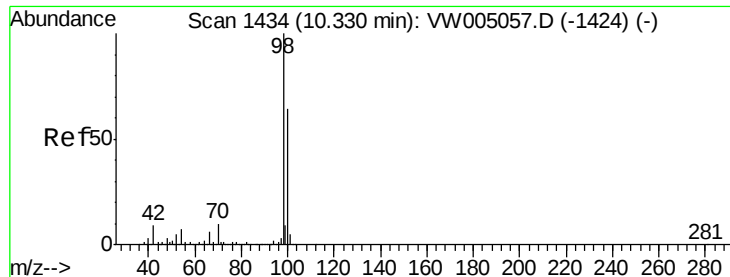
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.0
88	14.8	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 49.68 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005191.D
 Acq: 07 Sep 2018 05:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.2
192	22.3	18.1	27.1





#50

Toluene-d8

Concen: 52.22 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

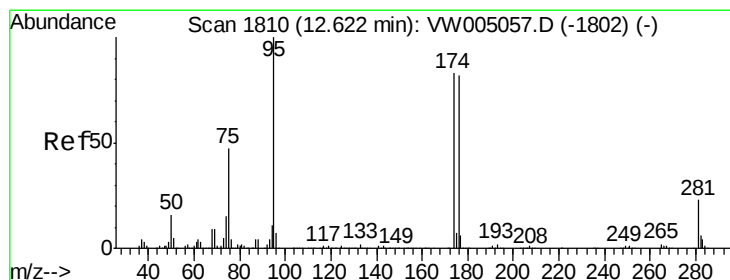
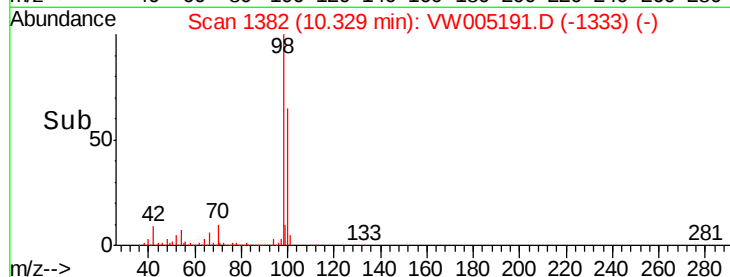
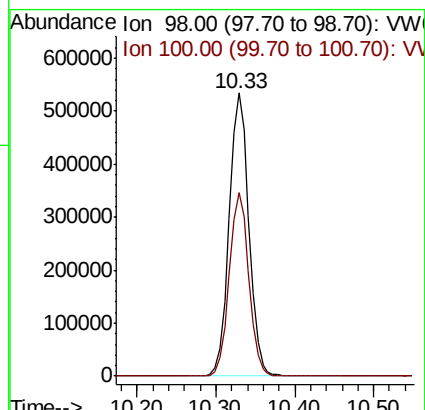
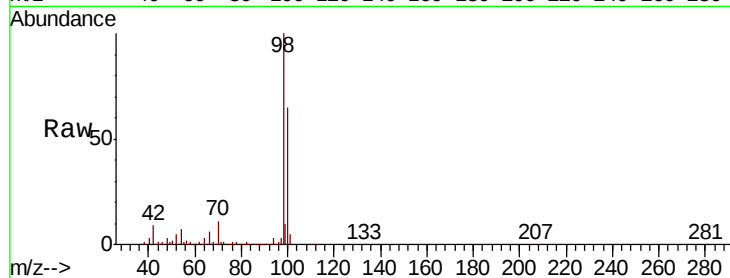
EP1-MW-F(10-15)

Tot Ion: 98 Resp: 926113

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 71.19 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

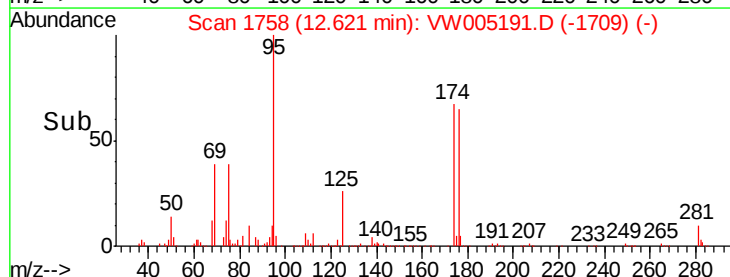
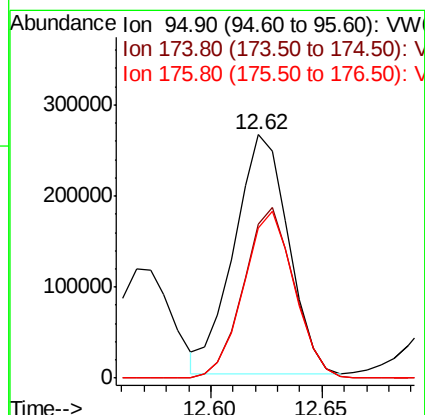
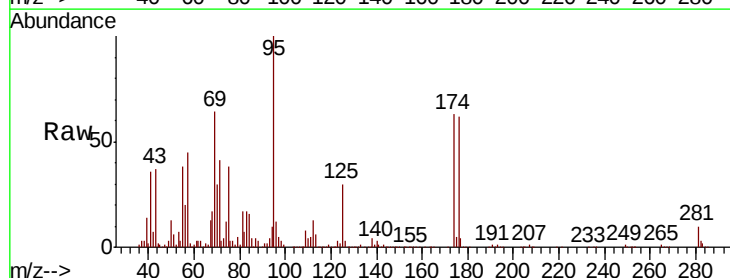
Tgt Ion: 95 Resp: 445189

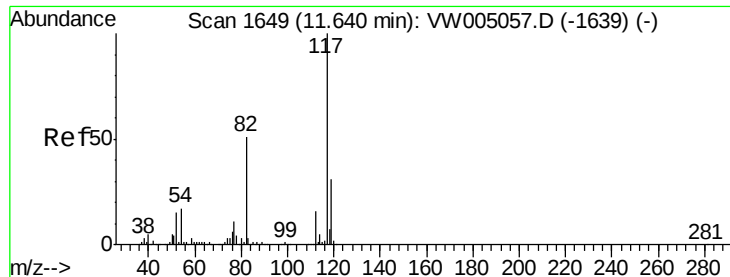
Ion Ratio Lower Upper

95 100

174 66.9 0.0 173.4

176 65.4 0.0 167.4

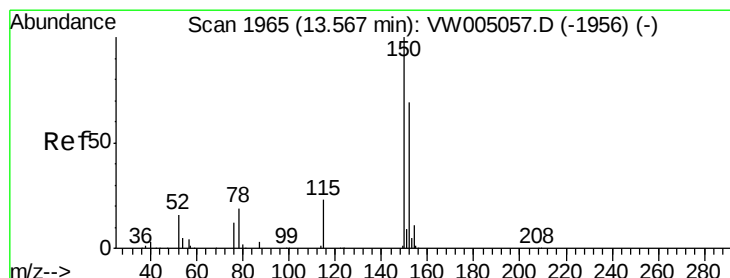
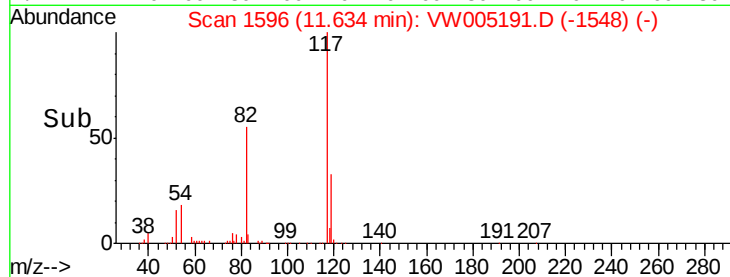
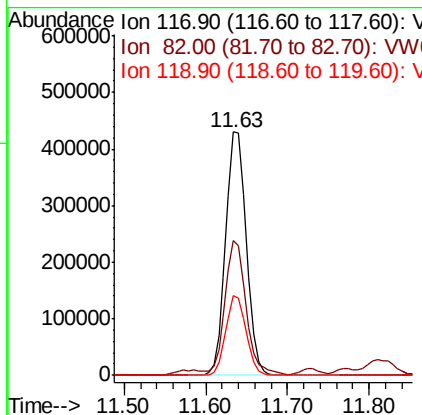
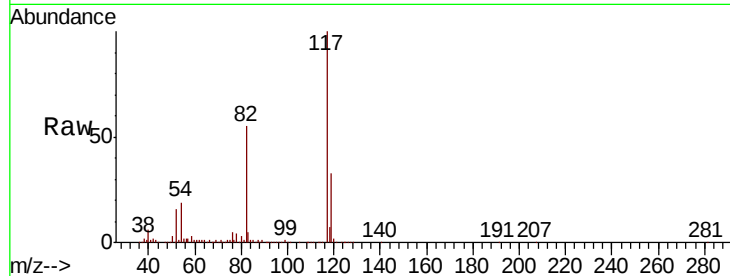




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005191.D
Acq: 07 Sep 2018 05:05

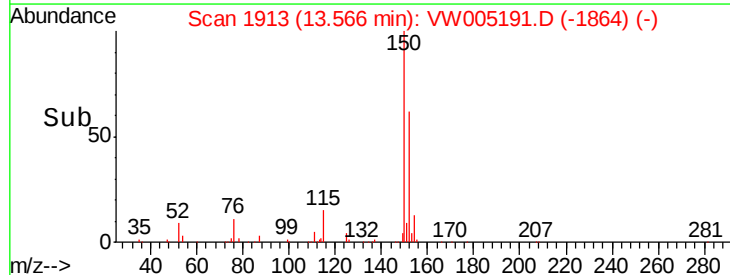
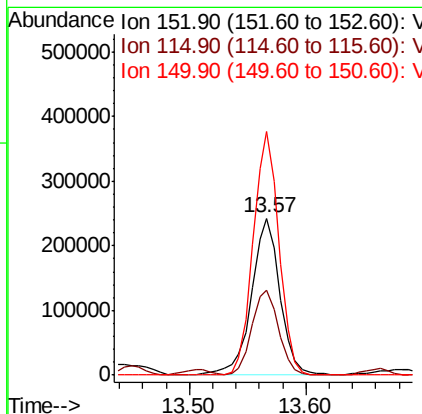
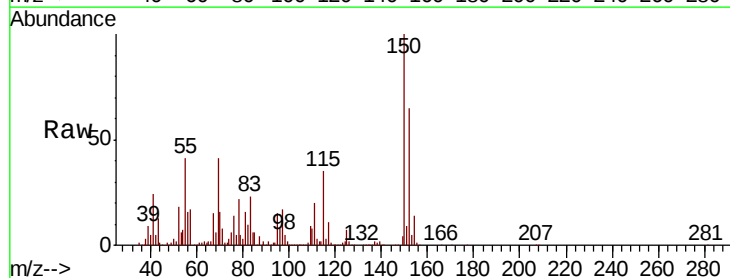
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

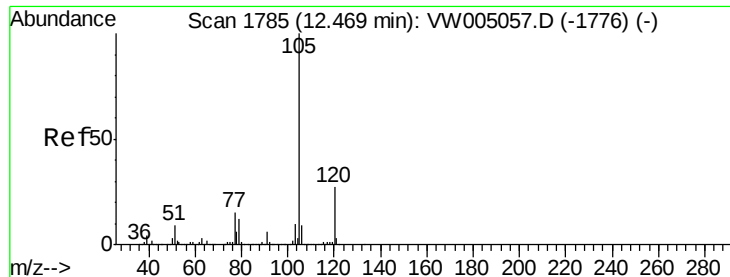
Tot Ion:117 Resp: 749327
Ion Ratio Lower Upper
117 100
82 53.3 40.9 61.3
119 32.6 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005191.D
Acq: 07 Sep 2018 05:05

Tgt Ion:152 Resp: 412004
Ion Ratio Lower Upper
152 100
115 50.9 27.8 83.4
150 140.8 0.0 351.4





#73

Isopropylbenzene

Concen: 8.14 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

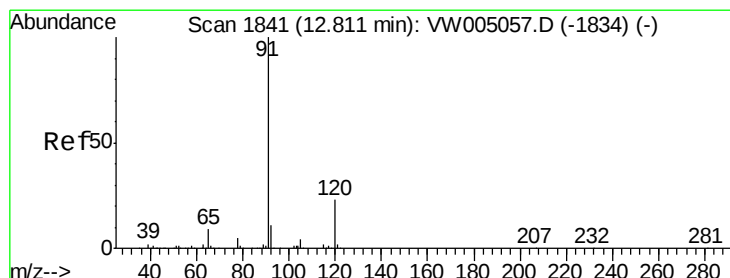
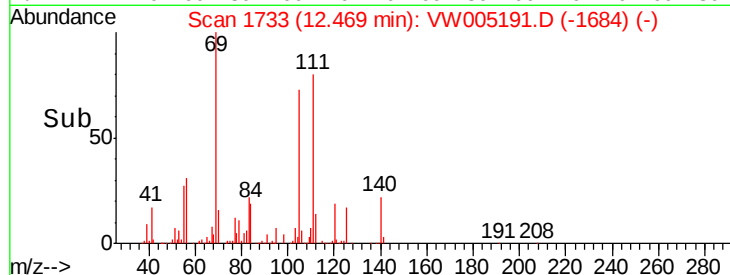
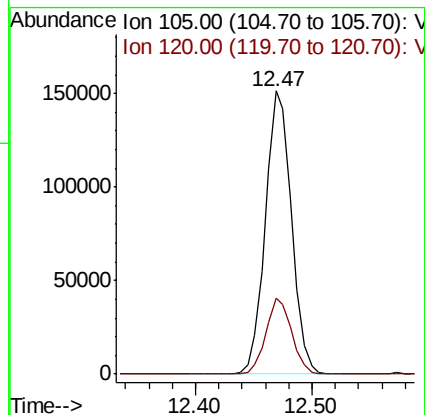
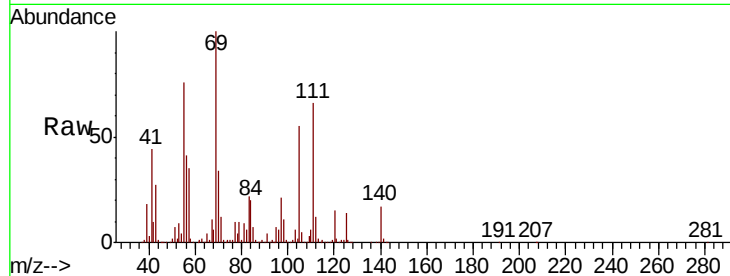
EP1-MW-F(10-15)

Tot Ion:105 Resp: 236336

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#78

n-propylbenzene

Concen: 21.51 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005191.D

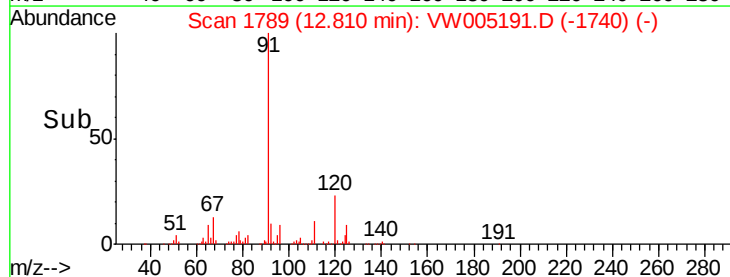
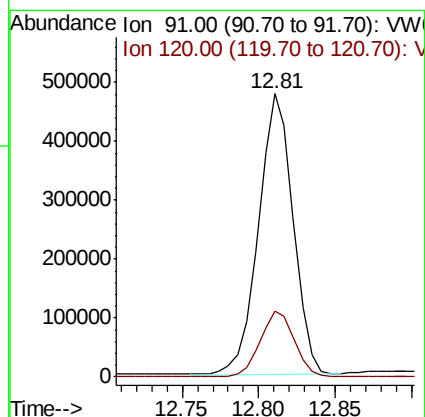
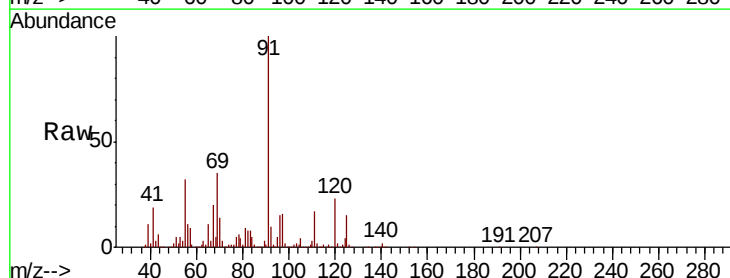
Acq: 07 Sep 2018 05:05

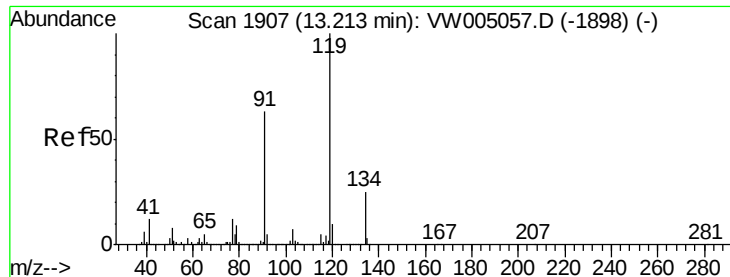
Tgt Ion: 91 Resp: 754352

Ion Ratio Lower Upper

91 100

120 23.1 11.8 35.3

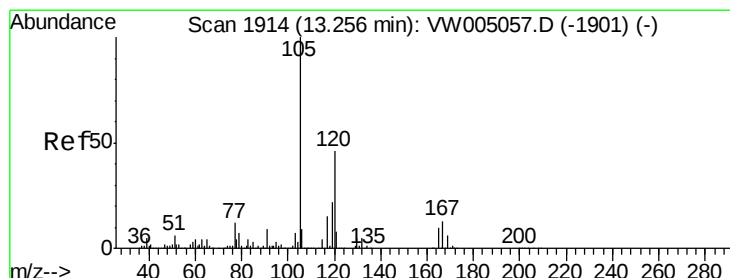
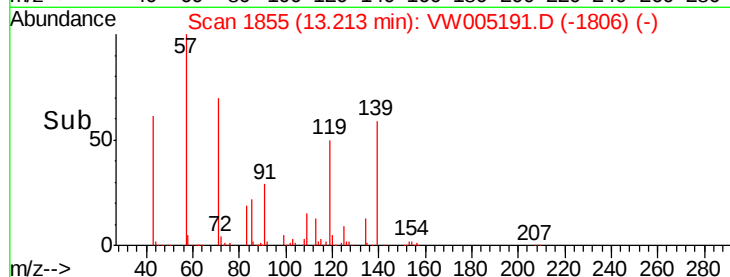
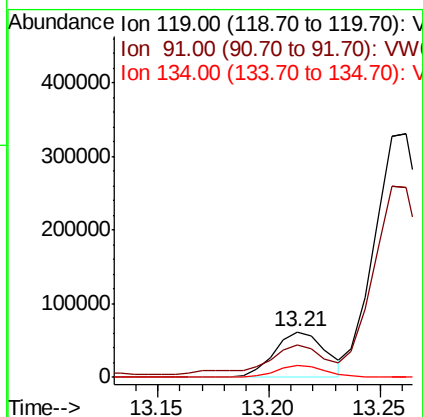
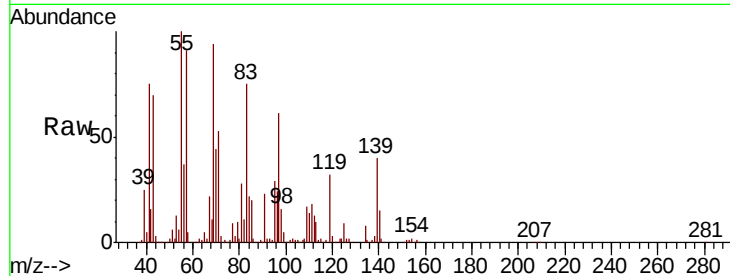




#83
tert-Butylbenzene
Concen: 4.71 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005191.D
Acq: 07 Sep 2018 05:05

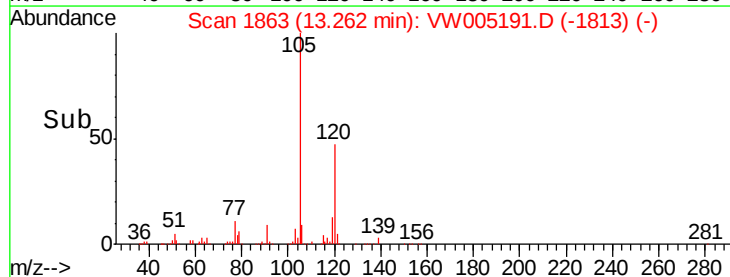
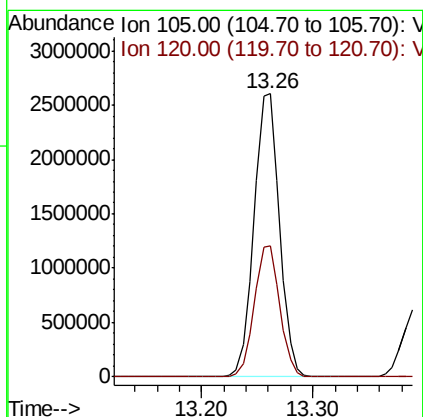
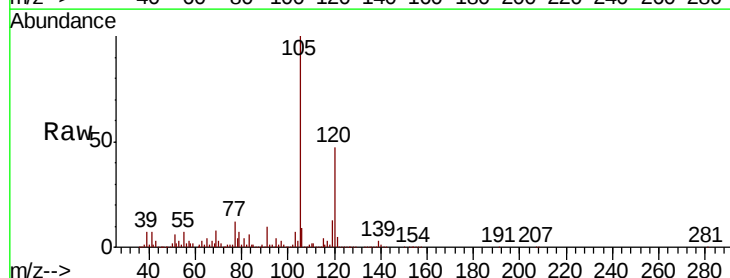
Instrument :
MSVOA_W
ClientSampleId :
EP1-MW-F(10-15)

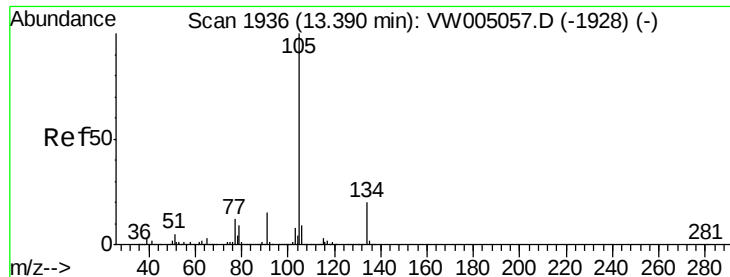
Tot Ion:119 Resp: 98792
Ion Ratio Lower Upper
119 100
91 75.1 31.8 95.4
134 24.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 162.31 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW005191.D
Acq: 07 Sep 2018 05:05

Tgt Ion:105 Resp: 4152825
Ion Ratio Lower Upper
105 100
120 46.6 23.1 69.3





#85

sec-Butylbenzene

Concen: 30.89 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

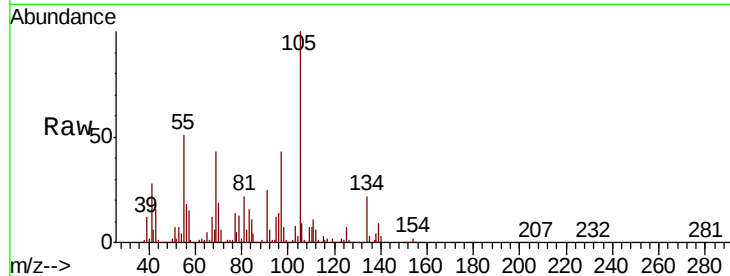
EP1-MW-F(10-15)

Tot Ion:105 Resp: 952369

Ion Ratio Lower Upper

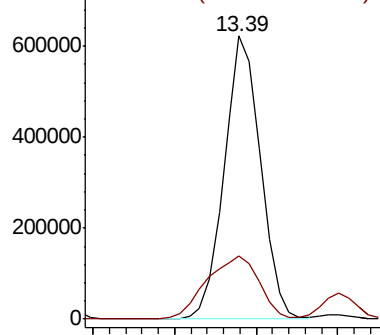
105 100

134 32.6 10.1 30.3#

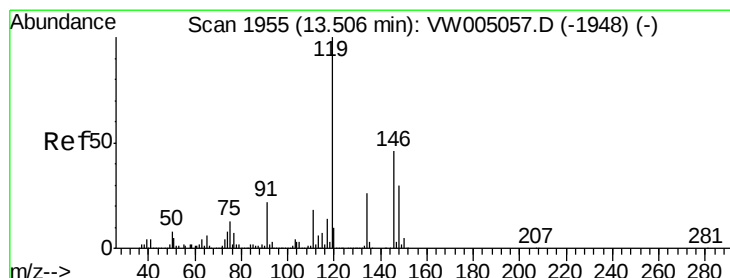
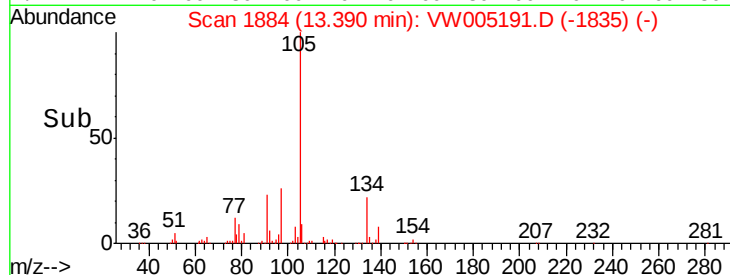


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.30 13.35 13.40 13.45



#86

p-Isopropyltoluene

Concen: 6.34 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

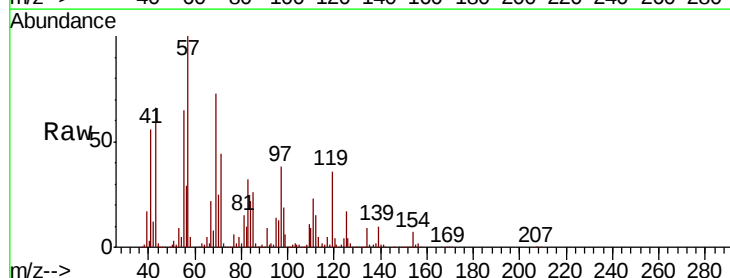
Tgt Ion:119 Resp: 173136

Ion Ratio Lower Upper

119 100

134 25.7 13.3 39.8

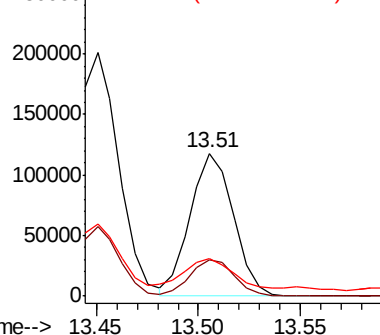
91 26.4 10.9 32.9



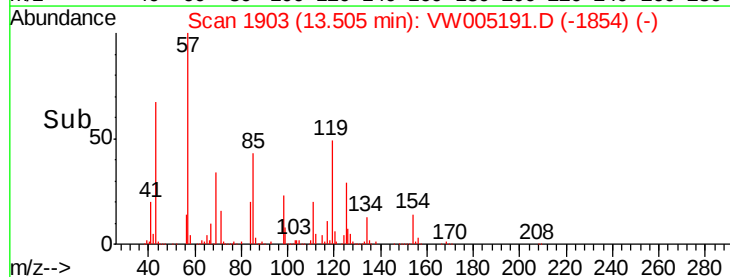
Abundance Ion 119.00 (118.70 to 119.70): V

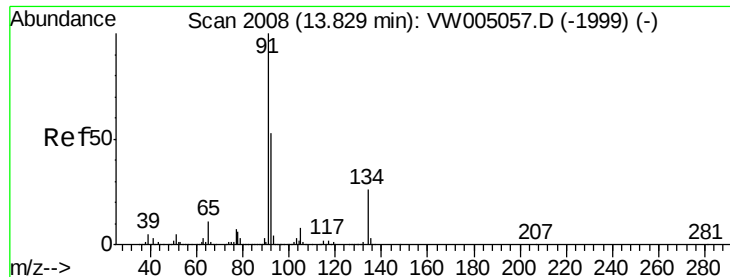
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time--> 13.45 13.50 13.55





#89

n-Butylbenzene

Concen: 22.48 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

EP1-MW-F(10-15)

Tot Ion: 91 Resp: 568498

Ion Ratio Lower Upper

91 100

92 46.5 26.5 79.5

134 0.0 13.5 40.4#

